

Soil Investigation

Bulk Density Data Work Sheet - Pit and Near Surface Techniques

Date of Sample Collection: _____ Site: _____

Horizon Number: _____ Horizon Depth: Top _____ cm

Bottom _____ cm

Sample Number 1

A. Container volume: _____ mL

E. Dry soil weight (D-B): _____ g

B. Container weight: _____ g

F. Weight of rocks: _____ g

C. Wet weight of sample: _____ g

G. Volume of water without rocks: _____ mL

D. Dry weight of sample: _____ g

H. Volume of water and rocks: _____ mL

I. Volume of rocks (H-G): _____ mL

J. Bulk density [(E-F)/(A-I)]: _____ g/mL (cm³)

Sample Number 2

A. Container volume: _____ mL

E. Dry soil weight (D-B): _____ g

B. Container weight: _____ g

F. Weight of rocks: _____ g

C. Wet weight of sample: _____ g

G. Volume of water without rocks: _____ mL

D. Dry weight of sample: _____ g

H. Volume of water and rocks: _____ mL

I. Volume of rocks (H-G): _____ mL

J. Bulk density [(E-F)/(A-I)]: _____ g/mL (cm³)

Sample Number 3

A. Container volume: _____ mL

E. Dry soil weight (D-B): _____ g

B. Container weight: _____ g

F. Weight of rocks: _____ g

C. Wet weight of sample: _____ g

G. Volume of water without rocks: _____ mL

D. Dry weight of sample: _____ g

H. Volume of water and rocks: _____ mL

I. Volume of rocks (H-G): _____ mL

J. Bulk density [(E-F)/(A-I)]: _____ g/mL (cm³)